

**ABSTRACT OF THE DISCLOSURE**

A method for monitoring performance of a plurality of transactions in a J2EE application server is disclosed. The transactions include a top level transaction and plurality  
5 of transactions relating to the top level transaction in a child parent hierarchy. For each of selected ones of said transactions, the method comprises instrumenting the transaction at run-time without modifying its source code to obtain a performance metric corresponding thereto. Further, for each of said instrumented transactions, a correlator is generated for identifying the top level transaction and a parent, if any, of the transaction. The method further calls for  
10 utilizing the correlators to cross-correlate a performance metric corresponding to a parent transaction with one or more performance metrics corresponding to one or more child transactions of said parent transaction.

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